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Model #: SMART1500XLTAA

TAA Compliant SmartPro XL Expandable Tower UPS System - Intelligent, line-interactive network power management system

Highlights

- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases
- 1500VA / 1.5kVA line interactive, extended-run tower UPS
- Maintains 120V nominal output over an input range of 75 to 147V
- Network communications supported via USB port and serial port
- Current monitoring and switched PDU control via single-outlet load bank
- Input: NEMA 5-15P (120V 15A) / Output: 6 NEMA 5-15R (120V)
- 2 year product warranty / $250,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

Description

Tripp Lite's SMART1500XLTAA is compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases. This intelligent, line interactive UPS system protects servers, networking accessories and telecommunications equipment from blackouts, voltage fluctuations and transient surges. Large internal batteries offer 20 minutes half load runtime and 7 minutes at full load during power failures. Runtime is expandable with the addition of BP36V15-2U (limit 1) or BP36V42-3U external battery packs. 1500VA/980 watt power handling capability supports a variety of networking, telecom and various other application types. Includes a total of 6 outlets, 1 of which can be individually powered on and off via software interface to selectively reboot remote equipment or to shed less significant loads to extend battery runtime for more critical equipment. Supports remote monitoring of UPS and site power conditions via built-in USB and DB9 monitoring ports. Includes PowerAlert UPS monitoring and unattended shutdown software with complete cabling. Notification of system status via 5 LEDs and multi-function audible alarms. Wall mountable with UPSWM wallmount bracket. Network-grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges. Attractive, small-footprint tower housing uses less than 66 square inches of floor or desktop space. Two year warranty. $250,000 connected equipment insurance (USA & Canada Only).

Package Includes

- SMART1500XLTAA TAA Compliant UPS System
- USB and DB9 monitoring cables
- PowerAlert unattended shutdown and UPS/Power monitoring software
- Instruction manual with warranty information

Features

- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases
- 1500VA/980 watt power handling capability supports a variety of networking, telecom and various other application types
- Large internal batteries offer 20 minutes half load runtime and 7 minutes at full load during power failures
- Runtime is expandable with the addition of BP36V15-2U or BP36V42-3U external battery packs
- Automatic Voltage Regulation (AVR) circuits with two boost and one voltage reduction level maintains usable 120V nominal output over an input voltage range of 75-147V
- Includes a total of 6 NEMA5-15R outlets, 1 of which can be individually powered on and off via software interface to selectively reboot

remote equipment or shed less significant loads to extend battery runtime for more critical equipment

- Includes 1 USB and 1 DB9 monitoring port for remote monitoring of UPS status and site power conditions
- PowerAlert UPS monitoring and unattended shutdown software with complete cabling included
- Notification of system status via 5 LEDs and multi-function audible alarms
- Wall mountable with UPSWM wallmount bracket
- Attractive small footprint black tower housing uses less than 66 square inches
- Built-in rear-exit cooling fan runs as needed to maintain optimal internal temperatures during extended run battery operation
- Hot-swappable/user replaceable batteries allow on-site battery replacement
- UPS battery set ships fully assembled and ready for installation, no time consuming connection of internal batteries by user is necessary
- Cold start capability enables UPS turn-on in battery mode during blackout conditions
- UL (USA), cUL (Canada), NOM (Mexico), FCC Class A (Business) Listed
- $250,000 Ultimate Lifetime Insurance (USA & Canada Only). No warranty cards required for coverage!
- 2 year manufacturer's product warranty

Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	1500
Output kVA capacity (kVA)	1.5
Output Watt Capacity (watts)	980
Output power factor	0.7
Nominal Output Voltage(s) Supported	120V
Frequency compatibility	60 Hz
Output voltage regulation (line mode)	-18%, +8%
Output voltage regulation (Battery mode)	+/- 5%
Built-in UPS output receptacles	6 5-15R outlet(s)
Built-in controllable switched load banks	One switchable single-outlet 5-15R load bank
Basic PDU options	PDU1215 (1U / 13 5-15R outlets); PDUNV (1U / 2 C19, 12 C13 outlets); PDU1415 (0U / 14 5-15R outlets); PDUV15 (0U / 12 5-15R outlets)
Metered PDU options	PDUMH15 (1U / 13 5-15R outlets); PDUMH15AT (1U / 8 5-15R outlets)*; PDUMV15 (0U / 16 5-15R outlets)
Switched PDU options	PDUMH15ATNET (1U / 8 5-15R outlets)*; PDUMV15NET (0U / 16 5-15R outlets)
External PDU redundancy options	*Auto Transfer Switch features utilizing the secondary PDU input cord are compatible with Smart Online UPS models only
Output AC waveform (AC mode)	Sine wave
Output AC waveform (battery mode)	PWM sine wave
INPUT	
Rated input current (at maximum load)	12A

Nominal Input Voltage(s) Supported	120V AC
UPS input connection type	5-15P
Input circuit breaker	15A
UPS Input cord length (ft.)	6
UPS Input cord length (m)	1.8
Recommended Electrical Service	15A 120V
BATTERY	
Full load runtime (minutes)	7 min. (980w)
Half load runtime (minutes)	20 min. (490w)
Expandable battery runtime	Extended runtime supported via optional external battery packs
External battery pack compatibility	BP36V15-2U (limit 1); BP36V42-3U (multi-pack compatible)
DC system voltage (VDC)	36
Battery recharge rate (included batteries)	Less than 4 hours from 10% to 90%
Replacement battery cartridge (internal UPS battery replacement)	RBC53
Battery Access	Battery access door
Battery replacement description	Hot-swappable, user replaceable batteries
VOLTAGE REGULATION	
Voltage regulation description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 75 to 147
Overvoltage correction	Input voltages between 128 and 147 are reduced by 12%
Undervoltage correction	Input voltages between 93 and 107 are boosted by 14%
Severe undervoltage correction	Input voltages between 75 and 92 are boosted by 30%
LEDS ALARMS & SWITCHES	
LED Indicators	5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status
Alarms	Audible alarm indicates power-failure, overload and low-battery conditions
Alarm cancel operation	Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation
SURGE / NOISE SUPPRESSION	

UPS AC suppression joule rating	480
UPS AC suppression response time	Instantaneous
EMI / RFI AC noise suppression	Yes
PHYSICAL	
Installation form factors supported with included accessories	Tower
Installation form factors supported with optional accessories	Wallmount (UPSWM - tower mounting kit)
Primary form factor	Tower
UPS / Power Module dimensions in primary form factor (height x width x depth / inches)	12.8 x 7.5 x 9.5
UPS / Power Module dimensions in primary form factor (height x width x depth / cm)	32.4 x 19 x 24.1
UPS / Power Module weight (lbs)	41.6
UPS / Power Module weight (kg)	18.9
UPS Shipping dimensions (height x width x depth / inches)	18 x 11.8 x 13.5
UPS Shipping dimensions (height x width x depth / cm)	45.7 x 29.8 x 34.3
Shipping weight (lbs)	46.2
Shipping weight (kg)	21
UPS housing material	PVC
Cooling method	Fan
ENVIRONMENTAL	
Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature Range	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Relative Humidity	0 to 95%, non-condensing
AC mode BTU / hr. (full load)	175.4
Battery mode BTU / hr. (full load)	454.4
COMMUNICATIONS	

Communications interface	USB; DB9 Serial
Network monitoring port description	Supports detailed monitoring of UPS and site power conditions
PowerAlert software	Included
Communications cable	USB and DB9 cabling included
WatchDog compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
LINE / BATTERY TRANSFER	
Transfer time	2-4 milliseconds
Low voltage transfer to battery power (setpoint)	75
High voltage transfer to battery power (setpoint)	147
SPECIAL FEATURES	
Cold Start (startup in battery mode during a power failure)	Cold-start operation supported
High availability UPS features	Hot swappable batteries
Green & high efficiency features	Greater than 95% efficiency - GREEN UPS; Individually controllable load banks
CERTIFICATIONS	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category A (EMI); ROHS (Restriction of Hazardous Substances); TAA Compliant
WARRANTY	
Product Warranty Period (U.S., Canada & Puerto Rico)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$250,000 Ultimate Lifetime Insurance

Related Items

Optional Products

Product Type	Related Model	Description	Qty.
Extended Warranties	WEXT3-500-1500	3-Year Extended Warranty - For Smart Line-Interactive and Online Tower or Rack models, 1500VA or less	1
Extended Warranties	WEXT5-500-1500	5-Year Extended Warranty - For Smart Line-Interactive and Online Tower or Rack models, 1500VA or less	1
External Battery Packs	BP36V15-2U	BP36V15-2U - External Battery Pack for UPS System	1
External Battery Packs	BP36V42-3U	BP36V42-3U - External Battery Pack for UPS System	1
Power Distribution	PDU1215	Basic PDU / Power Distribution Unit - Safe, reliable power distribution for critical networking equipment	1
Surge Protectors	DCATV	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	1
Surge Protectors	DNET1	Network Surge Suppressor - Essential protection for data and communication lines	1

Surge Protectors	DTEL2	Network Surge Suppressor - Essential protection for data and communication lines	1
USB Cables & Adapters	U022-010	10-ft. USB2.0 A/B Gold Device Cable (A Male to B Male)	1
Wallmount Bracket	UPSWM	Wallmount Bracket and installation accessories (4 washers, 4 screws, 1 Velcro safety strap)	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=4383.

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